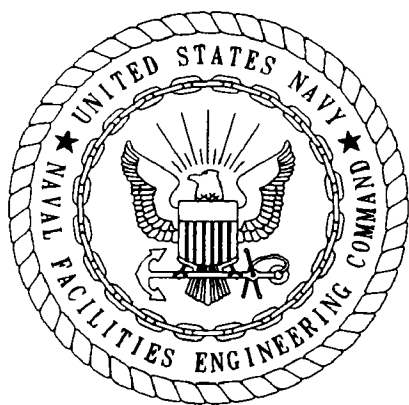


N60508.AR.001979
NAS WHITING FIELD
5090.3a

CLOSURE REPORT SITE 24B ABANDONED FIREFIGHTER TRAINING AREA BARIN NAS
WHITING FIELD FL
2/1/1997
ABB ENVIRONMENTAL

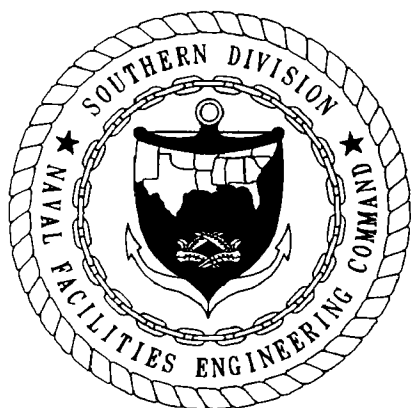


**CLOSURE REPORT
SITE 24B, ABANDONED FIREFIGHTING TRAINING AREA**

**OUTLYING LANDING FIELD BARIN
FOLEY, ALABAMA**

**UNIT IDENTIFICATION CODE: N60508
CONTRACT NO.: N62467-89-D-0317/031**

FEBRUARY 1997



**SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORTH CHARLESTON, SOUTH CAROLINA
29419-9010**

**CLOSURE REPORT
SITE 24B, ABANDONED FIREFIGHTING TRAINING AREA**

**OUTLYING LANDING FIELD BARIN
FOLEY, ALABAMA**

Unit Identification Code: N60508

Contract No.: N62467-89-D-0317/031

Prepared by:

**ABB Environmental Services, Inc.
2590 Executive Center Circle, East
Tallahassee, Florida 32301**

Prepared for:

**Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29418**

Jeff Adams, Code 1859, Engineer-in-Charge

February 1997



CERTIFICATION OF TECHNICAL
DATA CONFORMITY (MAY 1987)

The Contractor, ABB Environmental Services, Inc., hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0317/031 are complete and accurate and comply with all requirements of this contract.

DATE: February 18, 1997

NAME AND TITLE OF CERTIFYING OFFICIAL: Kathleen M. Hodak
Task Order Manager

NAME AND TITLE OF CERTIFYING OFFICIAL: Robert C. Lunardini, Jr., P.E.
Technical Lead

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Site 24B, Abandoned Firefighting Training Area
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GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
ADEM	Alabama Department of Environmental Management
AFFF	aqueous film-forming foam
JP-5	jet propellant fuel
mg/kg	milligrams per kilogram
MK	Morrison Knudsen Corporation
NAS	Naval Air Station
OLF	Outlying Landing Field
RI	remedial investigation
SVOC	semivolatile organic compound
TAL	target analyte list
TCL	target compound list
TPH	total petroleum hydrocarbons
VOC	volatile organic compound

1.0 INTRODUCTION

The objective of this report is to document recent remedial activities performed at Site 24B, Abandoned Firefighting Training Area, located at Outlying Landing Field (OLF) Barin, Foley, Alabama. The report is intended to meet the Navy's and the Alabama Department of Environmental Management's (ADEM) requirements for documenting remedial actions and closure reporting. Remedial activities consisted of soil and liner excavation and disposal and confirmatory sampling from an abandoned firefighter training area.

The Site 24B work was performed concurrently with the removal of six underground storage tanks and contaminated soil from Site 19B, also located at OLF Barin. Site 19B was a petroleum site remediated under the petroleum program. Therefore, the Site 19B Closure Report (ABB Environmental Protection Agency [ABB-ES], 1997) was submitted under separate cover.

1.1 FACILITY AND SITE DESCRIPTION. OLF Barin is located 40 miles southeast of Mobile, Alabama, in Baldwin County, Alabama. It is approximately 2 miles east of Foley, Alabama, and 35 miles west of Pensacola, Florida (Figure 1-1). OLF Barin currently consists of approximately 490 acres, reduced from a maximum size of 1,000 acres. The major part of the facility is currently used for a single air field with two active aircraft landing strips. Figure 1-2 presents the current installation layout and locations of recent remedial activities.

OLF Barin, under the command of Naval Air Station (NAS) Whiting Field in Milton, Florida, is used as an outlying landing strip for airplane pilots training at NAS Whiting Field. A single onsite building is used for base operations and training. Several smaller buildings are used for equipment storage. The only current activity at OLF Barin is a small contingent of firefighters stationed at the facility to respond to aircraft accidents. The remaining undeveloped acreage consists primarily of maintained recreational areas, open grasslands, and pine tree plantations.

1.2 SITE HISTORY. Site 24B, Abandoned Firefighting Training Area, was built in July 1989 to comply with the Navy's crash crew training requirements. The burn pit is 50 feet in diameter and is located east of the runways (Figure 1-2). According to NAS Whiting Field Public Works Department, three firefighting exercises were conducted every Thursday for 125 weeks between July 1989 and December 1991. Approximately 300 gallons of jet propellant fuel (JP-5) were used per training day, and 37,500 gallons of JP-5 were used over the entire operation of the burn pit. The fires were extinguished with a mixture of aqueous film-forming foam (AFFF) and water (12 gallons of AFFF to 200 gallons of water). Only JP-5, which was either clean or contaminated with water or hydraulic fluid, was used. No other fuels, solvents, or other chemicals were used in the exercises.

The burn pit is 50 feet in diameter and consists of a 60-mil polyethylene synthetic liner covered with 18 inches of clay and 6 inches of sand. A berm around the burn pit was built up to prevent ponding water contaminated with JP-5 from overflowing.

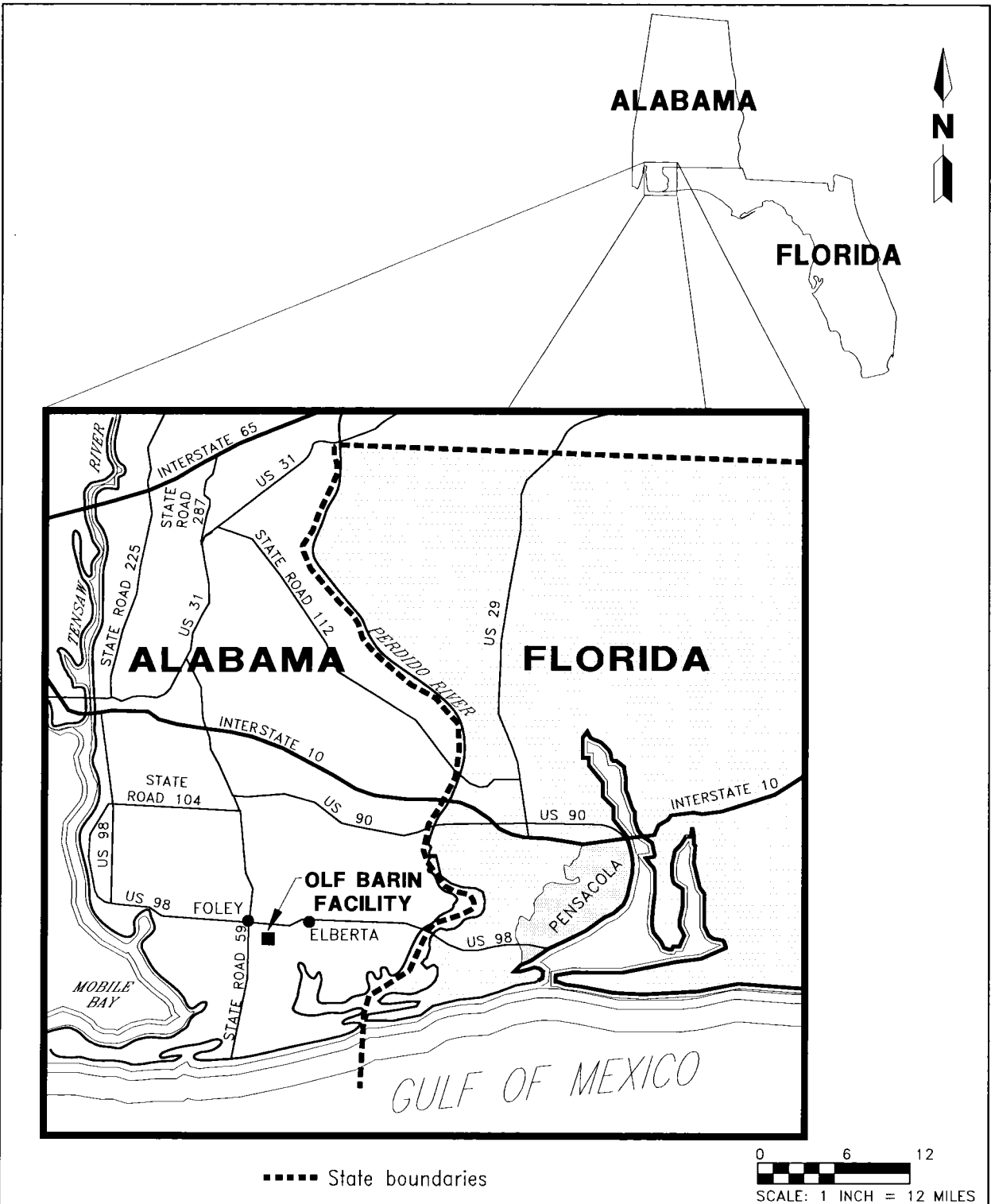


FIGURE 1-1
FACILITY LOCATION MAP

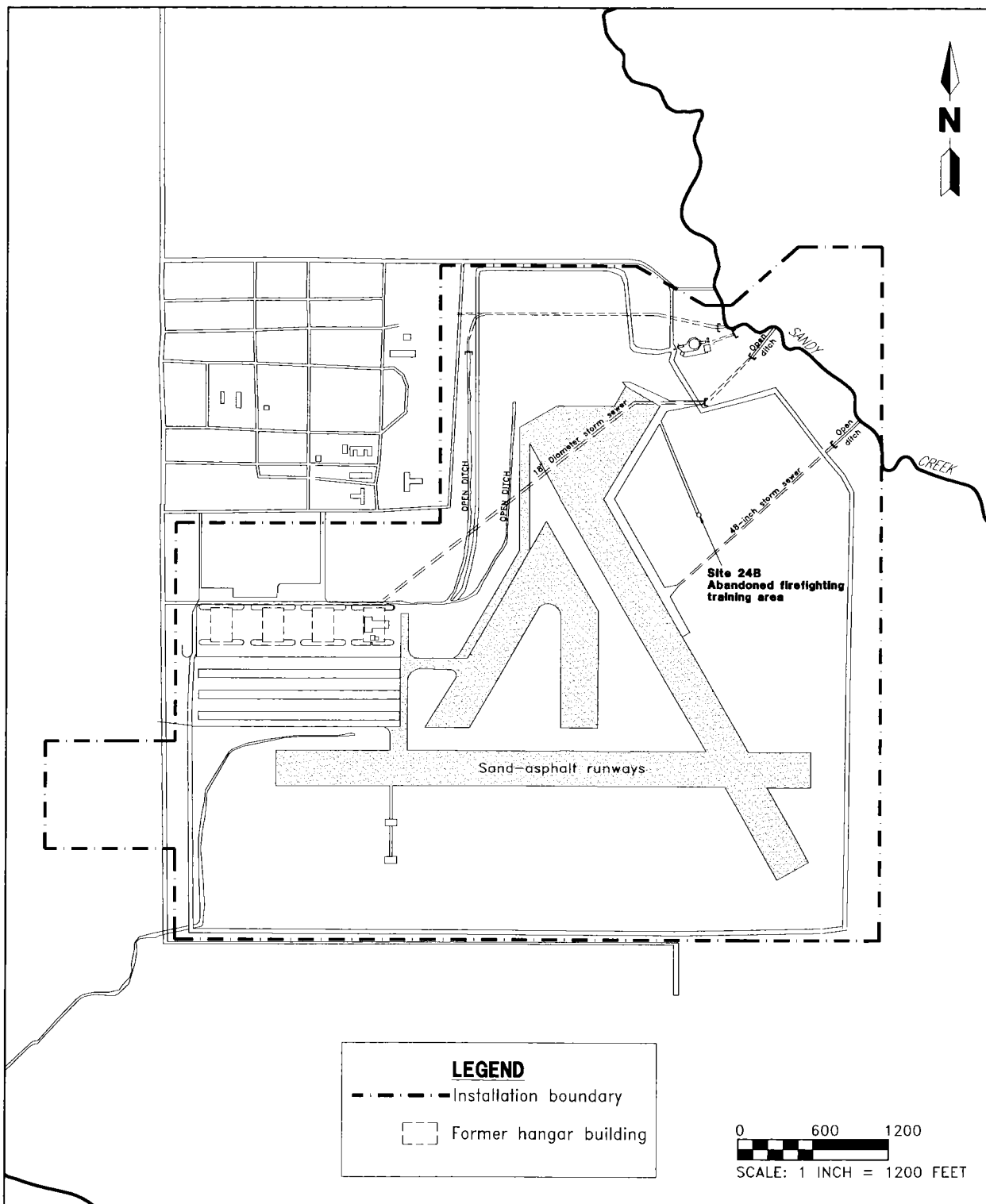


CLOSURE REPORT
SITE 24B

OLF BARIN
FOLEY, ALABAMA

H:/BAR/LOCATION/DDH/01-15-97

OLF-CRPT.24B
ASW.02.97



**FIGURE 1-2
SITE LOCATION MAP**



**CLOSURE REPORT
SITE 24B**

**OLF BARIN
FOLEY, FLORIDA**

The firefighting training area was deactivated in December 1991 and was subsequently slated for a remedial investigation (RI). Firefighting training activities were relocated to NAS Whiting Field, Milton, Florida, where the Navy has constructed a state-of-the-art firefighting training area to prevent the contamination of soil and groundwater. No investigations prior to the RI have been conducted at the abandoned firefighting training area.

The organization of the remainder of this closure report is described below.

- Chronology of Events, summarizes the major events associated with this remedial action.
- Performance Standards and Construction Quality Control, describes the action levels and quality control used during remedial activities.
- Construction Activities, a detailed description of remedial activities.
- Final Inspection, describes the final inspection.
- Costs, provides an estimate of construction costs.
- Certification, certifies that the work was performed as described in this report.

2.0 CHRONOLOGY OF EVENTS

This section provides a summary of the major events associated with this remedial action.

August 1995	Performance Criteria Plan for Site 19B submitted by ABB-ES (ABB-ES, 1995). Plan outlined specific objectives of the remedial action.
June 17, 1996	Workplan for OLF Barin submitted by Morrison Knudsen (MK) Corporation (Morrison Knudsen, 1996a). Workplan detailed remedial activities to be performed. Included health and safety plan, quality assurance plan, waste management plan, environmental protection plan, specifications, and drawings.
September 3, 1996	MK mobilized to the site.
September 12, 1996	Preconstruction meeting held to assign responsibilities, discuss workplan modifications, and team organization. Meeting attended by representatives from Southern Division, Naval Facilities Engineering Command, resident officer in charge of construction office, MK, and ABB-ES.
September 16, 1996	Kemron Construction, a subcontractor to MK, mobilized to the site.
October 17, 1996	Soil and liner from Site 24B excavated by Kemron.
October 17, 1996	Confirmatory samples collected by ABB-ES.
November 6, 1996	Additional confirmatory soil sample collected by ABB-ES after reexcavation by Kemron.
November 25, 1996	Additional soil excavated from Site 24B transported offsite.
December 5, 1996	Site restoration completed by MK subcontractors.
December 17, 1996	Final inspection conducted by ABB-ES.

3.0 PERFORMANCE STANDARDS AND CONSTRUCTION QUALITY CONTROL

Two media were addressed during this remedial action: soil and groundwater.

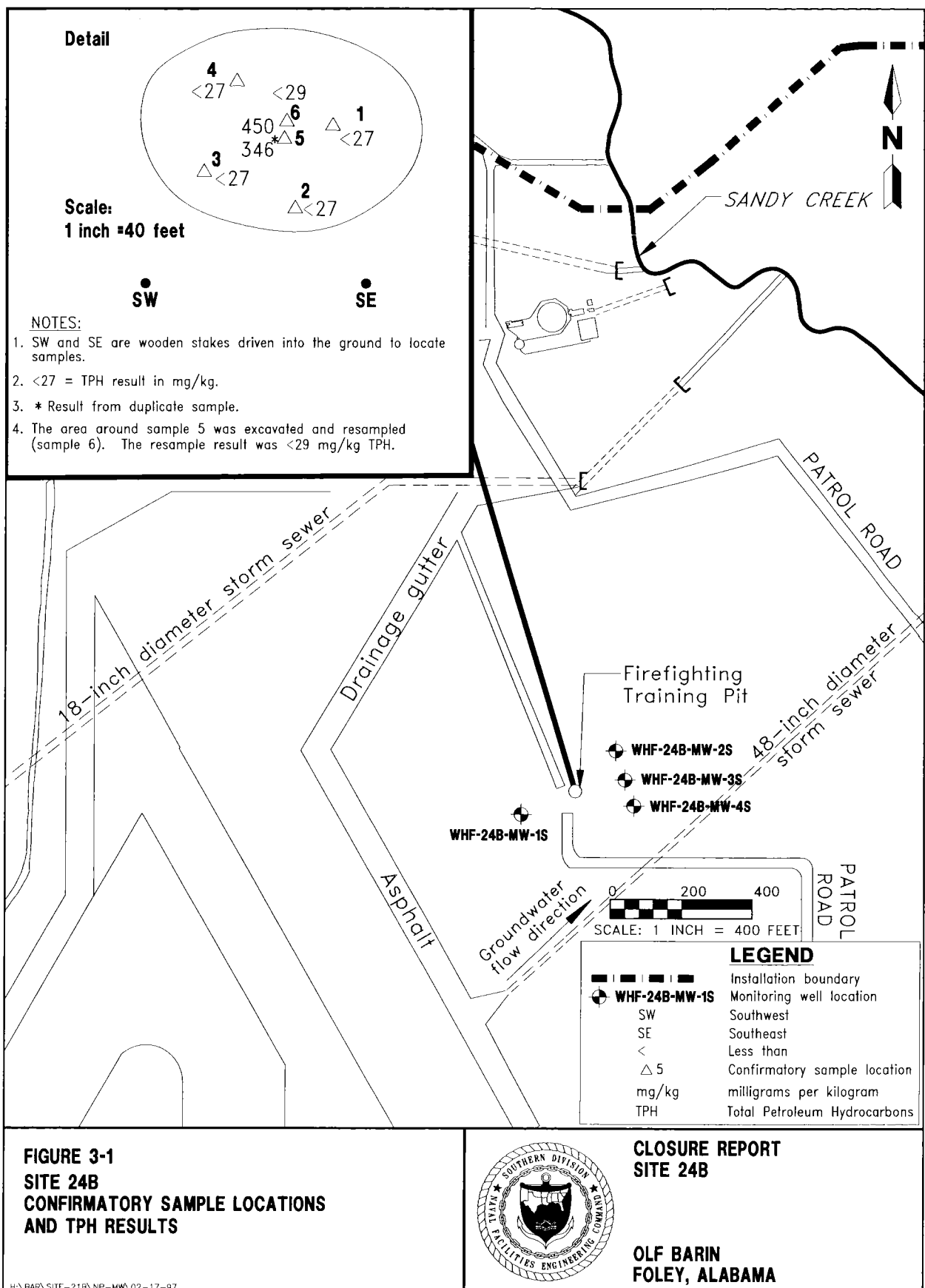
Soil. There were two levels of soil sampling conducted during this remedial action: field screening samples collected by Kemron and analyzed by a local laboratory for total petroleum hydrocarbons (TPH) (Method 418.1) and confirmatory samples collected by ABB-ES and analyzed at a fixed laboratory for TPH (Method 418.1) and target compound list (TCL) volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) and target analyte list (TAL) inorganics. Field screening sample results are included in the Construction Completion Report prepared by MK (MK, 1996b).

Five post excavation confirmatory soil samples were collected by ABB-ES on October 17, 1996. TPH sample results and sample locations are shown on Figure 3-1. A second excavation was required to remove soil from the middle of the site, which still contained TPH. One final post excavation sample (24Z00600 and a duplicate) was collected from the middle of the site on November 6, 1996. Results indicated a TPH concentration of <29 milligrams per kilogram (mg/kg).

Because Site 24B is included in the Navy's Installation Restoration program all post excavation confirmatory samples (except 24Z00500) were also analyzed for TCL VOCs and SVOCs and TAL inorganics. Sample 24Z00500 was not analyzed for TCL and TAL parameters because a reexcavation of soil was required in the area of sample collection due to the high TPH concentrations found in sample 24Z00500.

In the samples analyzed, there were no compounds detected above risked-based cleanup values based on a residential scenario using U.S. Environmental Protection Agency Region III Risk Based Soil Cleanup levels. Table 3-1 is a summary of TCL and TAL results. Complete analytical results are included in Appendix A. Results indicate that the risk posed by compounds in the remaining soil is acceptable. Therefore, no further action for soil at Site 24B is recommended.

Groundwater. The four shallow groundwater wells at Site 24B (see Figure 3-1) were last sampled in August 1993 as part of the RI. No VOCs, SVOCs, pesticides, or polychlorinated biphenyls were detected in groundwater samples. Six inorganics (aluminum, cadmium, iron, manganese, nickel, and potassium) were detected at concentrations above Alabama and/or Federal maximum contaminant levels. However, these elevated levels were attributed to suspended solids in groundwater. Analytical results are presented in the Remedial Action Decision Document, Site 24B Abandoned Firefighting Training Area (ABB-ES, 1996). Consistent with recommendations made in the Remedial Action Decision Document no further action for groundwater at Site 24B is recommended. It is recommended that the four monitoring wells be closed in accordance with State of Alabama regulations.



Closure Report
Site 24B, Abandoned Firefighting Training Area
Outlying Landing Field Barin
Foley, Alabama

[illegible]

Table 3-1 (Continued)
Summary of Analytical Results for Compounds
Detected in Site 24B Soil Samples

Closure Report
Site 24B, Abandoned Firefighting Training Area
Outlying Landing Field Barin
Foley, Alabama

Sample Designations:	24Z00100	24Z00200	24Z00300	24Z00400	24Z00500	24Z00600	24Z0DUP0	Region ¹ III Risk Based Concentration Numbers
Collection Date:	17-OCT-96	17-OCT-96	17-OCT-96	17-OCT-96	17-OCT-96	06-NOV-96	06-NOV-96	
Laboratory Sample No.:	RC297001	RC297002	RC297003	RC297004	RC297005	RC450001	RC450002	
Potassium	175 J	190 J	122 J	205 J	N/A	119 J	99.1 J	NA
Selenium	0.21 J	0.22 J	0.16 J	0.23 J	N/A	--	--	390
Sodium	174 J	166 J	160 J	151 J	N/A	135 J	324 J	NA
Thallium	--	0.13 J	--	--	N/A	0.14 J	0.38 J	³ 6.3
Vanadium	14.9	10.2 J	8.7 J	9.3 J	N/A	8.8 J	9.5 J	550
Zinc	8.1	3.7 J	2.6 J	3.2 J	N/A	2.5 J	3.2 J	23,000
TPH (mg/kg)	<27 U	<27 U	<27 U	<27 U	450	<29 U	28 U	NA

¹ U.S. Environmental Protection Agency (USEPA) Region III Risk Based Concentration Table, May 30, 1996. (USEPA, 1996).

² The value for lead is based on the USEPA Office of Solid Waste and Emergency Response Directive No. 9355.4-12, "Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities" (USEPA, 1994).

³ As thallium sulfate.

Notes: TCL = target compound list.

µg/kg = micrograms per kilogram.

-- = compound not detected above instrument detection limits.

J = estimated value.

B = analyte found in associated blank

NA = not applicable.

CLP = Contract Laboratory program.

mg/kg = milligrams per kilogram.

TPH = total petroleum hydrocarbons.

U = not detected.

N/A = not analyzed.

4.0 CONSTRUCTION ACTIVITIES

Remedial activities at OLF Barin included the removal and disposal of a liner and contaminated soil from an abandoned firefighting training area. Table 4-1 lists the major participants in the remedial action.

ABB-ES was tasked to perform oversight activities and to collect confirmatory soil samples prior to the commencing of backfilling and restoration work.

Contaminated Soil Removal and Confirmatory Sampling. Excavation began with the removal of the liner and the top 2 feet of soil above the liner. MK then collected five field screening soil samples. Laboratory results indicated TPH concentrations less than 100 mg/kg.

On October 17, 1996, ABB-ES collected five confirmatory soil samples. Samples were analyzed for TPH, volatile organic aromatics, semivolatile organic aromatics, metals and cyanide. TPH results and sample locations are shown on Figure 3-1. Analytical results indicated a TPH concentration of 450 mg/kg (duplicate = 346 mg/kg) in the center of the pit.

MK then excavated an area 10 feet by 10 feet square and 1-foot deep in the center of the pit. MK collected five more screening samples from this area, and results indicated TPH concentrations were less than 100 mg/kg.

On November 6, 1996, ABB-ES collected one more confirmatory sample from the center of the excavation. The results indicated nondetect for TPH concentrations in soil based on a detection limit of 29 mg/kg. Restoration activities began at this time.

A total of 292.67 tons of soil and liner were transported to Browning Ferris Industries' Timberland facility for disposal. Manifests are included in Appendix B.

Site Restoration. Restoration activities at Site 24B consisted of backfilling to within 6 inches of grade and placing a topsoil over the fill to bring the excavation to grade. The area was then seeded, fertilized, rolled, and covered with hay. The work was done by Glenn Owens Landscaping.

Backfill material was obtained from an offsite borrow pit. The backfill was sampled by MK and tested for TPH. Results indicated concentrations were below cleanup criteria (100 mg/kg TPH). The fill was compacted to 85 percent of standard proctor. Two lifts were required to bring the excavation within 6 inches of grade.

Table 4-1
Remedial Action Participants

Closure Report
Site 24B, Abandoned Firefighting Training Area
Outlying Landing Field Barin
Foley, Alabama

Client	Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM) North Charleston, South Carolina 29419-9010 Contact: Jeff Adams - SOUTHNAVFACENGCOM Engineer-in-Charge
Facility	NAS Whiting Field Public Works Department Contact: Jim Holland
RAC Contractor	Morrison Knudsen Corporation 2420 Mall Drive Corporate Square 1, Suite 211 North Charleston, South Carolina 29406 Contact: Dan Fuller - Project Manager Elise Allen, P.E. - Environmental Manager
Subcontractor	Kemron Construction 2987 Clairmont Road Atlanta, Georgia 30329 Contact: Allen Youngblade
CLEAN Contractor	ABB Environmental Services, Inc. 2590 Executive Center Circle, East Tallahassee, Florida 32301 Telephone: (904) 656-1293; Facsimile: (904) 877-0742 Contact: Kathy Hodak - Project Manager Robert C. Lunardini, Jr. - Engineer-of-Record
Analytical Laboratories	CH ₂ M Hill Analytical Services (confirmatory samples) 5090 Caterpillar Road Redding, California 96003-1412 Telephone: (916) 244-5227; Facsimile: (916) 244-4109 Contact: Brian Geers Core Laboratories, Inc. (TPH screening samples) 10703 East Bethany Drive Aurora, Colorado 80014 Telephone: (303) 751-1780; Facsimile: (303) 751-1784 Contact: Timothy Kellogg Envirochem, Inc. (TPH screening samples) 4320 Midmost Drive Mobile, Alabama 36609 Telephone: (334) 344-9106; Facsimile: (334) 341-9492 Pope Engineering & Testing Laboratory, Inc. (soil density testing) 2463 Eslave Creek Parkway Mobile, Alabama 36606 Telephone: (334) 471-3458
Transporters	Soil - Southern Haulers P.O. Box 152 Calera, Alabama Telephone: (205) 668-2271 Gene's Dozer Service P.O. Box 509 Lillian, Alabama 36549 Telephone: (334) 962-2574
See notes at end of table.	

Table 4-1 (Continued)
Remedial Action Participants

Closure Report
 Site 24B, Abandoned Firefighting Training Area
 Outlying Landing Field Barin
 Foley, Alabama

Disposal Facilities	Soil - BFI Timberland Landfill Highway 41 and I-65 Brewton, Alabama 36426 Telephone: (205) 867-8921
Restoration Contractors	Glen Owens Landscaping
Notes: NAS = Naval Air Station. RAC = Response Action Contract. CLEAN = Comprehensive Long-Term Environmental Action, Navy. TPH = total petroleum hydrocarbons. BFI = Browning Ferris Industries.	

5.0 FINAL INSPECTION

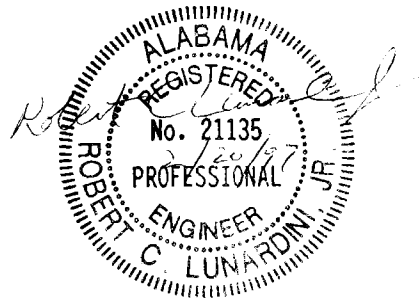
On December 17, 1996, Kathy Hodak of ABB-ES conducted a final inspection of the work. Accompanying Ms. Hodak was David Thompson of ADEM. They determined that all work had been performed satisfactorily. There were no punch list items.

6.0 COSTS

Construction cost for this work was \$555,419. This cost included remedial work performed to close Site 19B, the Former Hangar Maintenance Area, that was done concurrently. The closure report for Site 19B was submitted under separate cover.

7.0 CERTIFICATION

By signature, the signer certifies that the remedial activities at Site 24B were completed as described in this report and in accordance with ADEM regulations.



Robert C. Lunardini, Jr.
Professional Engineer No. 21135
Expires December 31, 1997

REFERENCES

- ABB Environmental Services, Inc., (ABB-ES), 1995, Performance Criteria Plan, Site 24B, Abandoned Firefighting Training Area, Outlying Landing Field (OLF) Barin, Foley, Alabama: prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina, August.
- ABB-ES, 1996, Remedial Action Decision Document, Site 24B, Abandoned Firefighting Training, Outlying Landing Field (OLF) Barin, Foley, Alabama: prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina, March.
- ABB-ES, 1997, Closure Report, Site 19B, Former Hangar Maintenance Area, Outlying Landing Field (OLF) Barin, Foley, Alabama: prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina, February.
- Morrison Knudsen Corporation (MK), 1996a, Workplan, Outlying Landing Field Barin, Foley, Alabama: prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina, June.
- MK, 1996b, Construction Completion Report, OLF Barin, Foley, Alabama: prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina, December.
- U.S. Environmental Protection Agency (USEPA), 1994, Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, Memorandum from Elliot T. Laws, Assistant Administrator, Office of Solid Waste and Emergency Response (OSWER), OSWER Directive 9355.4-12, Washington, D.C.
- USEPA, 1996, EPA Region III, Risk-Based Concentration Table, USEPA Region III, May.

APPENDIX A

SOIL CONFIRMATORY SAMPLE RESULTS

02/11/97 OLF BARIN 16:16:08
TOTAL PETROLEUM HYDROCARBONS

Lab Sample Number:
Site
Locator
Collect Date:

RC297001
OLFBARIN
24Z00100
17-OCT-96

VALUE QUAL UNITS DL

RC297002
OLFBARIN
24Z00200
17-OCT-96

VALUE QUAL UNITS DL

RC297003
OLFBARIN
24Z00300
17-OCT-96

VALUE QUAL UNITS DL

RC297004
OLFBARIN
24Z00400
17-OCT-96

VALUE QUAL UNITS DL

TPH

Total petroleum hydrocarbons

27 U mg/kg 27

27 U mg/kg 27

27 U mg/kg 27

27 U mg/kg 27

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

02/11/97 OLF BARIN 16:16:08
TOTAL PETROLEUM HYDROCARBONS

Lab Sample Number:
Site
Locator
Collect Date:

RC450001
OLFBARIN
24Z00600
06-NOV-96

VALUE QUAL UNITS DL

RC297005
OLFBARIN
24Z00500
17-OCT-96

VALUE QUAL UNITS DL

RC297005S
OLFBARIN
24Z00500MS
17-OCT-96

VALUE QUAL UNITS DL

RC297005D
OLFBARIN
24Z00500MSD
17-OCT-96

VALUE QUAL UNITS DL

TPH

Total petroleum hydrocarbons

29 U mg/kg 29

450 mg/kg 80

84.5 %rec

1.3 RPD

U = NOT DETECTED U = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

02/11/97 OLF BARIN 16:16:08
TOTAL PETROLEUM HYDROCARBONS

Lab Sample Number: RC297006
Site: OLFBARIN
Locator: 24Z0DUP0
Collect Date: 17-OCT-96

RC450002
OLFBARIN
24Z0DUP0
06-NOV-96

VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
-------	------	-------	----	-------	------	-------	----

TPH							
Total petroleum hydrocarbons	346	mg/kg	27	28 U	mg/kg	28	

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

02/11/97 OLF BARIN 16:31:36
VOLATILES, SEMIVOLATILES, AND INORGANICS

Lab Sample Number:
Site
Locator
Collect Date:

RC297001
OLFBARIN
24Z00100
17-OCT-96

RC297002
OLFBARIN
24Z00200
17-OCT-96

RC297003
OLFBARIN
24Z00300
17-OCT-96

RC297004
OLFBARIN
24Z00400
17-OCT-96

VALUE QUAL UNITS DL VALUE QUAL UNITS DL VALUE QUAL UNITS DL VALUE QUAL UNITS DL

CLP VOLATILES 90-SOW

Chloromethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Bromomethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Vinyl chloride	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Chloroethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Methylene chloride	1 J	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Acetone	11 U	ug/kg	11	24 B	ug/kg	11	4 BJ	ug/kg	11	2 BJ	ug/kg	11
Carbon disulfide	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethene (total)	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Chloroform	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
2-Butanone	11 U	ug/kg	11	8 J	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,1,1-Trichloroethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Carbon tetrachloride	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Bromodichloromethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloropropane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
cis-1,3-Dichloropropene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Trichloroethene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Dibromochloromethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2-Trichloroethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Benzene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
trans-1,3-Dichloropropene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Bromoform	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
4-Methyl-2-pentanone	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
2-Hexanone	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Tetrachloroethene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Toluene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2,2-Tetrachloroethane	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Chlorobenzene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Ethylbenzene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Styrene	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11	11 U	ug/kg	11
Xylenes (total)	11 U	ug/kg	11	11 U	ug/kg	11	2 J	ug/kg	11	11 U	ug/kg	11

CLP SEMIVOLATILES 90-SOW

Phenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
bis(2-Chloroethyl) ether	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2-Chlorophenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
1,3-Dichlorobenzene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
1,4-Dichlorobenzene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
1,2-Dichlorobenzene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2-Methylphenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,2-oxybis(1-Chloropropane)	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
4-Methylphenol	350 U	ug/kg	350	420	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
N-Nitroso-di-n-propylamine	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Hexachloroethane	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Nitrobenzene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Isophorone	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2-Nitrophenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,4-Dimethylphenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350

02/11/97 OLF BARIN 16:31:36
VOLATILES, SEMIVOLATILES, AND INORGANICS

Lab Sample Number:
Site
Locator
Collect Date:

RC297001
OLFBARIN
24Z00100
17-OCT-96

RC297002
OLFBARIN
24Z00200
17-OCT-96

RC297003
OLFBARIN
24Z00300
17-OCT-96

RC297004
OLFBARIN
24Z00400
17-OCT-96

VALUE QUAL UNITS DL VALUE QUAL UNITS DL VALUE QUAL UNITS DL VALUE QUAL UNITS DL

bis(2-Chloroethoxy) methane	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,4-Dichlorophenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
1,2,4-Trichlorobenzene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Naphthalene	350 U	ug/kg	350	310 J	ug/kg	350	94 J	ug/kg	350	350 U	ug/kg	350
4-Chloroaniline	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Hexachlorobutadiene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
4-Chloro-3-methylphenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2-Methylnaphthalene	350 U	ug/kg	350	330 J	ug/kg	350	110 J	ug/kg	350	350 U	ug/kg	350
Hexachlorocyclopentadiene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,4,6-Trichlorophenol	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,4,5-Trichlorophenol	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
2-Chloronaphthalene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2-Nitroaniline	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
Dimethylphthalate	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Acenaphthylene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,6-Dinitrotoluene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
3-Nitroaniline	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
Acenaphthene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,4-Dinitrophenol	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
4-Nitrophenol	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
Dibenzofuran	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
2,4-Dinitrotoluene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Diethylphthalate	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
4-Chlorophenyl-phenylether	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Fluorene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
4-Nitroaniline	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
4,6-Dinitro-2-methylphenol	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
N-Nitrosodiphenylamine (1)	-			-			-			-		
4-Bromophenyl-phenylether	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Hexachlorobenzene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Pentachlorophenol	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890	890 U	ug/kg	890
Phenanthrene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Anthracene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Carbazole	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Di-n-butylphthalate	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Fluoranthene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Pyrene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Butylbenzylphthalate	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
3,3-Dichlorobenzidine	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Benzo (a) anthracene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Chrysene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
bis(2-Ethylhexyl) phthalate	140 BJ	ug/kg	350	120 BJ	ug/kg	350	190 BJ	ug/kg	350	400 B	ug/kg	350
Di-n-octylphthalate	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Benzo (b) fluoranthene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Benzo (k) fluoranthene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Benzo (a) pyrene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Indeno (1,2,3-cd) pyrene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350
Dibenz (a,h) anthracene	-			-			-			-		
Benzo (g,h,i) perylene	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350	350 U	ug/kg	350

CLP METALS AND CYANIDE
Aluminum

11400 mg/kg 40 6880 mg/kg 40 5480 mg/kg 40 6080 mg/kg 40

02/11/97 OLF BARIN 16:31:36
VOLATILES, SEMIVOLATILES, AND INORGANICS

Lab Sample Number:
Site
Locator
Collect Date:

RC297001
OLFBARIN
24Z00100
17-OCT-96

RC297002
OLFBARIN
24Z00200
17-OCT-96

RC297003
OLFBARIN
24Z00300
17-OCT-96

RC297004
OLFBARIN
24Z00400
17-OCT-96

	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Antimony	1.9	U	mg/kg	12	1.9	U	mg/kg	12	2.2	J	mg/kg	12	1.9	U	mg/kg	12
Arsenic	1.3	J	mg/kg	2	1.4	J	mg/kg	2	1.3	J	mg/kg	2	1.1	J	mg/kg	2
Barium	19.2	J	mg/kg	40	14.1	J	mg/kg	40	12.7	J	mg/kg	40	13.7	J	mg/kg	40
Beryllium	.1	J	mg/kg	1	.14	J	mg/kg	1	.08	J	mg/kg	1	.11	J	mg/kg	1
Cadmium	.26	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1
Calcium	2320		mg/kg	1000	302	J	mg/kg	1000	319	J	mg/kg	1000	334	J	mg/kg	1000
Chromium	10.3		mg/kg	2	6.1		mg/kg	2	4.4		mg/kg	2	5.3		mg/kg	2
Cobalt	.86	J	mg/kg	10	.53	J	mg/kg	10	.49	U	mg/kg	10	.5	U	mg/kg	10
Copper	4	J	mg/kg	5	2.8	J	mg/kg	5	2.5	J	mg/kg	5	2.4	J	mg/kg	5
Iron	4840		mg/kg	20	3780		mg/kg	20	3330		mg/kg	20	3480		mg/kg	20
Lead	3.5		mg/kg	.6	3.5		mg/kg	.6	3.4		mg/kg	.6	3.2		mg/kg	.6
Magnesium	1270		mg/kg	1000	153	J	mg/kg	1000	124	J	mg/kg	1000	150	J	mg/kg	1000
Manganese	117		mg/kg	3	71.2		mg/kg	3	68.5		mg/kg	3	66.7		mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	J	mg/kg	.1	.03	U	mg/kg	.1
Nickel	3.4	J	mg/kg	8	2.4	J	mg/kg	8	2.4	J	mg/kg	8	1.6	U	mg/kg	8
Potassium	175	J	mg/kg	1000	190	J	mg/kg	1000	122	J	mg/kg	1000	205	J	mg/kg	1000
Selenium	.21	J	mg/kg	1	.22	J	mg/kg	1	.16	J	mg/kg	1	.23	J	mg/kg	1
Silver	.54	U	mg/kg	2	.54	U	mg/kg	2	.54	U	mg/kg	2	.54	U	mg/kg	2
Sodium	174	J	mg/kg	1000	166	J	mg/kg	1000	160	J	mg/kg	1000	151	J	mg/kg	1000
Thallium	.13	U	mg/kg	2	.13	J	mg/kg	2	.13	U	mg/kg	2	.13	U	mg/kg	2
Vanadium	14.9		mg/kg	10	10.2	J	mg/kg	10	8.7	J	mg/kg	10	9.3	J	mg/kg	10
Zinc	8.1		mg/kg	4	3.7	J	mg/kg	4	2.6	J	mg/kg	4	3.2	J	mg/kg	4
Cyanide	.08	U	mg/kg	.5	.08	U	mg/kg	.5	.08	U	mg/kg	.5	.08	U	mg/kg	.5

U = NOT DETECTED J = ESTIMATED VALUE B = POSSIBLE BLANK CONTAMINATION
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

02/11/97 OLF BARIN 16:31:36
VOLATILES, SEMIVOLATILES, AND INORGANICS

Lab Sample Number:	RC450001	RC450002
Site	OLFBARIN	OLFBARIN
Locator	24200600	24200600
Collect Date:	06-NOV-96	06-NOV-96
VALUE	QUAL UNITS	DL
VALUE	QUAL UNITS	DL

CLP VOLATILES 90-SOW

Chloromethane	11 U	ug/kg	11	11 U	ug/kg	11
Bromomethane	11 U	ug/kg	11	11 U	ug/kg	11
Vinyl chloride	11 U	ug/kg	11	11 U	ug/kg	11
Chloroethane	11 U	ug/kg	11	11 U	ug/kg	11
Methylene chloride	3 J	ug/kg	11	1 J	ug/kg	11
Acetone	1 BJ	ug/kg	11	6 BJ	ug/kg	11
Carbon disulfide	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethene	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethane	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethene (total)	11 U	ug/kg	11	11 U	ug/kg	11
Chloroform	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethane	11 U	ug/kg	11	11 U	ug/kg	11
2-Butanone	11 U	ug/kg	11	11 U	ug/kg	11
1,1,1-Trichloroethane	11 U	ug/kg	11	11 U	ug/kg	11
Carbon tetrachloride	11 U	ug/kg	11	11 U	ug/kg	11
Bromodichloromethane	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloropropane	11 U	ug/kg	11	11 U	ug/kg	11
cis-1,3-Dichloropropene	11 U	ug/kg	11	11 U	ug/kg	11
Trichloroethene	11 U	ug/kg	11	11 U	ug/kg	11
Dibromochloromethane	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2-Trichloroethane	11 U	ug/kg	11	11 U	ug/kg	11
Benzene	11 U	ug/kg	11	11 U	ug/kg	11
trans-1,3-Dichloropropene	11 U	ug/kg	11	11 U	ug/kg	11
Bromoform	11 U	ug/kg	11	11 U	ug/kg	11
4-Methyl-2-pentanone	11 U	ug/kg	11	11 U	ug/kg	11
2-Hexanone	11 U	ug/kg	11	11 U	ug/kg	11
Tetrachloroethene	11 U	ug/kg	11	11 U	ug/kg	11
Toluene	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2,2-Tetrachloroethane	11 U	ug/kg	11	11 U	ug/kg	11
Chlorobenzene	11 U	ug/kg	11	11 U	ug/kg	11
Ethylbenzene	11 U	ug/kg	11	11 U	ug/kg	11
Styrene	11 U	ug/kg	11	11 U	ug/kg	11
Xylenes (total)	11 U	ug/kg	11	11 U	ug/kg	11

CLP SEMIVOLATILES 90-SOW

Phenol	370 U	ug/kg	370	370 U	ug/kg	370
bis(2-Chloroethyl) ether	370 U	ug/kg	370	370 U	ug/kg	370
2-Chlorophenol	370 U	ug/kg	370	370 U	ug/kg	370
1,3-Dichlorobenzene	370 U	ug/kg	370	370 U	ug/kg	370
1,4-Dichlorobenzene	58 J	ug/kg	380	51 J	ug/kg	380

02/11/97 OLF BARIN 16:31:36
VOLATILES, SEMIVOLATILES, AND INORGANICS

Lab Sample Number:	RC450001	RC450002
Site	OLFBARIN	OLFBARIN
Locator	24Z00600	24Z00DU0
Collect Date:	06-NOV-96	06-NOV-96

	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	370	U	ug/kg	370
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370
Hexachloroethane	370	U	ug/kg	370	370	U	ug/kg	370
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370
Isophorone	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370
1,2,4-Trichlorobenzene	53	J	ug/kg	380	43	J	ug/kg	380
Naphthalene	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloroaniline	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylnaphthalene	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorocyclopentadiene	370	U	ug/kg	370	370	U	ug/kg	370
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370
2,4,5-Trichlorophenol	940	U	ug/kg	940	940	U	ug/kg	940
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitroaniline	940	U	ug/kg	940	940	U	ug/kg	940
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370
2,6-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370
3-Nitroaniline	940	U	ug/kg	940	940	U	ug/kg	940
Acenaphthene	51	J	ug/kg	380	62	J	ug/kg	380
2,4-Dinitrophenol	940	U	ug/kg	940	940	U	ug/kg	940
4-Nitrophenol	940	U	ug/kg	940	940	U	ug/kg	940
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370
4-Nitroaniline	940	U	ug/kg	940	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	940	U	ug/kg	940	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	-			-	-			-
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370
Pentachlorophenol	940	U	ug/kg	940	940	U	ug/kg	940
Phenanthrene	370	U	ug/kg	370	370	U	ug/kg	370
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370
Carbazole	370	U	ug/kg	370	370	U	ug/kg	370
Di-n-butylphthalate	370	U	ug/kg	370	370	U	ug/kg	370
Fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370
Pyrene	370	U	ug/kg	370	370	U	ug/kg	370
Butylbenzylphthalate	370	U	ug/kg	370	370	U	ug/kg	370
3,3-Dichlorobenzidine	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (a) anthracene	370	U	ug/kg	370	370	U	ug/kg	370
Chrysene	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	370	U	ug/kg	370

02/11/97 OLF BARIN 16:31:36
VOLATILES, SEMIVOLATILES, AND INORGANICS

Lab Sample Number:	RC450001	RC450002
Site	OLFBARIN	OLFBARIN
Locator	24200600	24200600
Collect Date:	06-NOV-96	06-NOV-96

VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
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Di-n-octylphthalate	370 U	ug/kg	370	370 U	ug/kg	370
Benzo (b) fluoranthene	370 U	ug/kg	370	370 U	ug/kg	370
Benzo (k) fluoranthene	370 U	ug/kg	370	370 U	ug/kg	370
Benzo (a) pyrene	370 U	ug/kg	370	370 U	ug/kg	370
Indeno (1,2,3-cd) pyrene	370 U	ug/kg	370	370 U	ug/kg	370
Dibenz (a,h) anthracene	-			-		
Benzo (g,h,i) perylene	370 U	ug/kg	370	370 U	ug/kg	370

CLP METALS AND CYANIDE

Aluminum	6720	mg/kg	40	7640	mg/kg	40
Antimony	2 U	mg/kg	12	2 U	mg/kg	12
Arsenic	.8 J	mg/kg	2	1.2 J	mg/kg	2
Barium	11.2 J	mg/kg	40	12.1 J	mg/kg	40
Beryllium	.07 U	mg/kg	1	.07 U	mg/kg	1
Cadmium	.27 U	mg/kg	1	.27 U	mg/kg	1
Calcium	225 J	mg/kg	1000	282 J	mg/kg	1000
Chromium	6.5	mg/kg	2	6.9	mg/kg	2
Cobalt	.53 U	mg/kg	10	.52 U	mg/kg	10
Copper	2 J	mg/kg	5	2.5 J	mg/kg	5
Iron	2310	mg/kg	20	2450	mg/kg	20
Lead	2.3	mg/kg	.6	2.4	mg/kg	.6
Magnesium	110 J	mg/kg	1000	140 J	mg/kg	1000
Manganese	20.9	mg/kg	3	16.1	mg/kg	3
Mercury	.03 U	mg/kg	.1	.03 U	mg/kg	.1
Nickel	1.7 U	mg/kg	8	1.6 U	mg/kg	8
Potassium	119 J	mg/kg	1000	99.1 J	mg/kg	1000
Selenium	.14 U	mg/kg	1	.14 U	mg/kg	1
Silver	.57 U	mg/kg	2	.56 U	mg/kg	2
Sodium	135 J	mg/kg	1000	324 J	mg/kg	1000
Thallium	.14 J	mg/kg	2	.38 J	mg/kg	2
Vanadium	8.8 J	mg/kg	10	9.5 J	mg/kg	10
Zinc	2.5 J	mg/kg	4	3.2 J	mg/kg	4
Cyanide	.1 U	mg/kg	.5	.1 U	mg/kg	.5

U = NOT DETECTED J = ESTIMATED VALUE B = POSSIBLE BLANK CONTAMINATION
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Project # 7541-36		Purchase Order #		<input type="checkbox"/> LGN One Innovation Drive, Suite C Alachua, FL 32615-9586 (904) 462-3050 FAX (904) 462-1670		<input checked="" type="checkbox"/> LRD 5090 Caterpillar Road Rerding, CA 96003-1412 (916) 244-5227 FAX (916) 244-4109		THIS AREA FOR LAB USE ONLY					
Project Name OLF BARIN				<input type="checkbox"/> LMG 2567 Fairlane Drive Montgomery, AL 36116-1622 (334) 271-2440 FAX (334) 271-3428				<input type="checkbox"/> LKW Canviro Analytical Laboratories, Inc. 50 Bathurst, Unit 12 Waterloo, Ontario, Canada N2V 2C5 (519) 747-2575 FAX (519) 747-3806					
Company Name ABB ENVIRONMENTAL								Lab # RC297		Page 1		of 3	
Project Manager or Contact & Phone # KATHY HODAK				Report Copy to: 904 656 1293				Client Service		Price Source A P Q S			
Requested Completion Date:		Site ID OLF BARIN		Sample Disposal: <input checked="" type="checkbox"/> Dispose <input type="checkbox"/> Return				Acct Code		Test Group			
								Project Code		Ack. Gen.			
								LIMS Ver		Login		Mult.	
								COC Review					
								SAMPLE REMARKS		LAB 1 ID		LAB 2 ID	

Sampling		Type	Matrix	CLIENT SAMPLE ID (9 CHARACTERS)										QC ID (3 CHAR)		# OF CONTAINERS	ANALYSES REQUESTED									
Date	Time	COMP	GRAB	WATER	SOIL	1	2	3	4	5	6	7	8	9	10		11	VOC (TCL)	SVOC (TCL)	TPH 418.1	TAL METALS					
10-17	1542		X	X		2	4	Z	0	0	1	0	0			4	1	1	1	1	1					
	1545					2	4	Z	0	0	2	0	0			4										
	1547					2	4	Z	0	0	3	0	0			4										
	1549					2	4	Z	0	0	4	0	0			4										
	1557					2	4	Z	0	0	5	0	0			4										
	1557					2	4	Z	0	0	D	U	P	0			4									
	1557					2	4	Z	0	0	M	S	0	0			4									
	1557					2	4	Z	0	0	M	S	D	0			4									

Sampled By & Time <i>Eric Blomberg</i> ERIC BLONBERG 10-17-06		Relinquished By <i>Eric Blomberg</i> ERIC BLONBERG 10-17-06		HAZWRAP/NESSA: Y N	
Received By <i>Don Allen</i> 10-18-06 09:50		Relinquished By		EDATA: Y N	
Received By		Relinquished By		QC LEVEL 1 2 3 OTHER	
Received By		Relinquished By		pH	
Received By		Relinquished By		Ice	
Received By		Relinquished By		Temp 4°	
Batch Remarks: NESSA LEVEL "C" SDG: OLF 05		Shipping # 704 3236513		Custody Seal Y	

RC450

SHIPPED VIA: Federal Express

NOTE 24Z05600 - TPH 24 hour turnaround, Fax results to Eric Bloomberg
All other samples, subacute - standard turnaround

0240

APPENDIX B
SOIL MANIFESTS

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARRIN (U.S. NAVY)
b. Generating Location: NOLF BARRIN (U.S. NAVY)
c. Address: 7151 USS WASP ST
NAS Whiting Field, Milton FL
d. Address: 11490 BARRIN FIELD
Foley, AL 36535
e. Phone No.: 1-904-623-7181
f. Phone No.: 334-943-7220

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: NAVY AGENT, Jim Holland
h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE

AL 005 971010

248851

Containers

TYPE

DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG
T - TRUCK
O - OTHER

j. Description of Waste:

Petroleum Contaminated

k. Quantity

Units

No.

TYPE

17

Y3

01

T

Soil / JP-5

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B. Holland
Generator Authorized Agent Name

Signature

101796

Shipment Date

UNITS

P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Southern Haulers
b. Address: Po Box 152
Calera, AL
c. Driver Name/Title: _____
d. Phone No.: _____
e. Truck No.: _____
f. Vehicle License No./State: _____

PRINT/TYPE

Acknowledgement of Receipt of Materials.

g. Driver Signature

Shipment Date

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____
l. Truck No.: _____
m. Vehicle License No./State: _____

PRINT/TYPE

Acknowledgement of Receipt of Materials.

n. Driver Signature

Shipment Date

Section III

DESTINATION (Generator completes a-d; destination site completes e-f.)

a. Site Name: Timberlands
b. Physical Address: 22800 Hwy 41
Breton, AL 36426
c. Phone No.: 334-867-8921
d. Mailing Address: SAME AS

e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g; Operator* completes e.)

Operator's* Name: _____
Operator's* Address: _____
Special Handling Instructions and additional information: _____
b. Operator's* Phone No.: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Operator's* Name & Title: _____

Print/Type

Name and Address

Operator's Signature

Date



No: 1358418

2/28

Date : 10-18-96 Time In: 08:40:57 Time Out: 08:40:57
Ticket # : A56213 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : C-10 Lic Plater
STATE OF ALABAMA BALDWIN COUNTY
Manifest # : 070702 PO #: Transporters: OUT
Generator : US US NAVY
Comment : Operator: BONNIE SMITH
Capacity : 25.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.43 Tare Wt: 14.01 Net Wt: 22.42 tn

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	22.42 TN	30.00000	672.60
Sub Total..... \$					672.60
Total..... \$					672.60

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

REORDER ONLY THROUGH BFI/JARCO CONTRACT

260-114

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARRON (U.S. NAVY) b. Generating Location: NOLF BARRON U.S. NAVY
c. Address: 7151 USS WARR ST NAS Whiting Field d. Address: 11490 BARRON FIELD RD
MILTON FL, 32570 Foley, AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 334 943-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: NAVY Agent Jim Holland h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE AL 1205 971010 248851 Containers
j. Description of Waste: Radio contaminated k. Quantity 17 Units 4 No. 01 TYPE T
in Soil / JPS

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B Holland James B Holland
Generator Authorized Agent Name Signature

101796
Shipment Date

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER
UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Southern Haulers
b. Address: Po Box 152
CALERA, AL 35040
c. Driver Name/Title: _____
d. Phone No.: 205-668-2271 e. Truck No.: _____
f. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.

g. _____
Driver Signature Shipment Date

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.

n. _____
Driver Signature Shipment Date

Section III

DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Timberlands c. Phone No.: 1-334-867-8921
b. Physical Address: 22800 Hwy 41 d. Mailing Address SAME AS
Brewton, AL 36426

e. Discrepancy Indication Space: _____
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. _____
Name of Authorized Agent Signature Receipt Date

Section IV

ASBESTOS (Generator completes a-d, f, g, Operator* completes e.)

a. Operator's* Name: _____ b. Operator's* Phone No.: _____
c. Operator's* Address: _____
d. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: _____
Name and Address Print/Type Operator's Signature Date



No: 1358395

4/28

BROWNING-FERRIS INDUSTRIESTimberlands Sanitary Landfill
(205) 648-1000

Date : 10-17-96 Time In: 16:48:49 Time Out: 16:48:49
Ticket # : A56196 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : S-40 Lic Plate:

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070703 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: SANDRA GRAY

Capacity : 25.00 yd Scale In # : 1 Scale Out #: Stored

Gross Wt : 32.19 Tare Wt: 12.86 Net Wt: 19.33 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	19.33 TN	30.00000	579.90
Sub Total..... \$					579.90
Total..... \$					579.90

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

280-116LF

REORDER ONLY THROUGH BFI/UARCO CONTRACT

Section I

GENERATOR

(Generator completes all of Section I)

a. Generator Name: NOLF BARRIN U.S. NAVY b. Generating Location: NOLF BARRIN U.S. NAVY
 c. Address: 7151 USS WASP NAS Whiting Field d. Address: 11490 Barrin Field Rd
Milton, FL 32570 6159 Foley, AL 36535
 e. Phone No.: 1-904-623-7181 f. Phone No.: 1-334-943-7220

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: NAVY AGENT Jim Holland h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE

AL 205 971010

248851

Containers

TYPE

DM - METAL DRUM
 DP - PLASTIC DRUM
 B - BAG
 BA - 6 MIL. PLASTIC BAG
 or WRAP
 T - TRUCK
 O - OTHER

j. Description of Waste:

Petroleum Condensate

SGL / JRS

k. Quantity

Units

No.

TYPE

17 1/2

01

T

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B Holland

Generator Authorized Agent Name

Signature

James B Holland

101796

Shipment Date

UNITS

P - POUNDS
 Y - YARDS
 M³ - CUBIC METERS
 Y³ - CUBIC YARDS
 O - OTHER

Section II

TRANSPORTER

(Generator complete a-d;

Transporter I complete e-g
Transporter II complete h-n)

TRANSPORTER I

a. Name: Souther Haulers
 b. Address: P.O. Box 152
CARLA, AL 35040
 c. Driver Name/Title: _____
 d. Phone No.: 1-205-668 2271 e. Truck No.: _____
 f. Vehicle License No./State: _____
 Acknowledgement of Receipt of Materials.

g. Driver Signature

Shipment Date

TRANSPORTER II

h. Name: _____
 i. Address: _____
 j. Driver Name/Title: _____
 k. Phone No.: _____ l. Truck No.: _____
 m. Vehicle License No./State: _____
 Acknowledgement of Receipt of Materials.

n. Driver Signature

Shipment Date

Section III

DESTINATION

(Generator completes a-d, destination site completes e-f.)

a. Site Name: Timberlands c. Phone No.: 1-334-867-8921
 b. Physical Address: 22800 Hwy 41 d. Mailing Address: Same AS
Brewton, AL 36426

Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Receipt Date

Section IV

ASBESTOS

(Generator complete a-d, f, g, Operator* completes e.)

Operator's* Name: _____ b. Operator's* Phone No.: _____
 Operator's* Address: _____
 Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Operator's* Name & Title: _____

Print/Type

Name and Address

Responsible Agency: _____

Operator's Signature

Date



No: 135838

6/28

Date : 10-17-96 Time In: 15:43:51 Time Out: 15:43:51
Ticket # : A56184 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : B-27 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070704 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: SANDRA GRAY

Capacity : 25.00 yd Scale In # : 1 Scale Out #: Stored

Gross Wt : 39.32 Tare Wt: 13.91 Net Wt: 25.41 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	25.41 TN	30.00000	762.30
Sub Total..... \$					762.30
Total..... \$					762.30

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE 

REORDER ONLY THROUGH BFI/UARCO CONTRACT

250

Section I

If waste is NOT asbestos waste, complete only Sections I, II, III and IV

1 III

No. 0707057/28

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARN (U.S. NAVY) b. Generating Location: NOLF BARN U.S. NAVY
 c. Address: 7151 U.S.S. WAMP ST. NAS WASHINGTON FIELD d. Address: 11490 BARN Field Road
MILTON FL 32570 FOLEY, AL 36535
 e. Phone No.: 1-904-623-7181 f. Phone No.: 334 943 7220
 If owner of the generating facility differs from the generator, provide:
 g. Owner's Name: NAVY AGENT Jim Holland h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE

AL 1205 971010

248851

Containers

TYPE

DM - METAL DRUM
 DP - PLASTIC DRUM
 B - BAG
 BA - 6 MIL. PLASTIC BAG or WRAP
 T - TRUCK
 O - OTHER

j. Description of Waste: PETRO CONTAMINATEDW/ SOIL / JPS

k. Quantity

Units

No.

TYPE

17

3

01

T

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B Holland

Generator Authorized Agent Name

Signature

101796

Shipment Date

UNITS

P - POUNDS
 Y - YARDS
 M³ - CUBIC METERS
 Y³ - CUBIC YARDS
 O - OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HAULER
 b. Address: P.O. Box 152
CALERA, AL 35040
 c. Driver Name/Title: _____
 d. Phone No.: 205-668-2271 e. Truck No.: _____
 f. Vehicle License No./State: _____

Acknowledgement of Receipt of Materials.

g. Driver Signature

Shipment Date

TRANSPORTER II

h. Name: _____
 i. Address: _____
 j. Driver Name/Title: _____
 k. Phone No.: _____ l. Truck No.: _____
 m. Vehicle License No./State: _____

Acknowledgement of Receipt of Materials.

n. Driver Signature

Shipment Date

Section III

DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Timberlands c. Phone No.: 1-334 867 8921
 b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
BREWTON, AL 36426
 e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

1. Operator's* Name: _____ b. Operator's* Phone No.: _____
 2. Operator's* Address: _____
 3. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Operator's* Name & Title: _____

Print Type

Name and Address

Responsible Agency

Operator's Signature

Date



No: 1358384

8/28

Date : 10-17-96 Time In: 15:47:18 Time Out: 15:47:18
Ticket # : A56186 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : D-5 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070705 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: SANDRA GRAY

Capacity : 25.00 yd Scale In # : 1 Scale Out #: Stored

Gross Wt : 34.01 Tare Wt: 13.92 Net Wt: 20.09 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	20.09 TN	30.00000	602.70
Sub Total..... \$					602.70
Total..... \$					602.70

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE

260-116LF

EORDER ONLY THROUGH BFI/UARCO CONTRACT

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARN (U.S. NAVY) b. Generating Location: NOLF BARN U.S. NAVY
c. Address: 7151 U.S.S. WASP ST. WAS WATING FIELD MILTEN, FL 32570 d. Address: 1490 BARN ROAD FOLEY, AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 334-943-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: NAVY AGENT Jim Holland h. Owner's Phone No.: 1-904-623-7181
i. BFI WASTE CODE: AL 1205 971010 248851 Containers: DM - METAL DRUM
j. Description of Waste: PETRO CONTAMINATED W SOIL JPS k. Quantity: 17 Units: Y No.: 01 TYPE: T
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261
Generator Authorized Agent Name: Jim B. Holland Signature: Jim B. Holland Shipment Date: 10/17/96
UNITS: P - POUNDS, Y - YARDS, M³ - CUBIC METERS, Y³ - CUBIC YARDS, O - OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HAULER
b. Address: P.O. Box 152 CALERA, AL 35040
c. Driver Name/Title: _____
d. Phone No.: 205-668-2271 e. Truck No.: _____
f. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials: _____
g. Driver Signature: _____ Shipment Date: _____

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials: _____
n. Driver Signature: _____ Shipment Date: _____

Section III

DESTINATION (Generator completes a-d; destination site completes e-f.)

a. Site Name: TIMBERLANDS c. Phone No.: 1-334-867-8921
b. Physical Address: 22800 Hwy 41 BREWTON, AL 36426 d. Mailing Address: SAME AS
e. Discrepancy Indication Space: _____
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g; Operator* completes e.)

1. Operator's* Name: _____ b. Operator's* Phone No.: _____
2. Operator's* Address: _____
3. Special Handling Instructions and additional information: _____
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.
Operator's* Name & Title: _____
Name and Address: _____ Operator's Signature: _____
Date: _____



No: 135838

10/26

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

Date : 10-17-96 Time In: 15:45:31 Time Out: 15:45:31
Ticket # : A56185 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : C-10 Lic Plate:

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070706 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: SANDRA GRAY

Capacity : 25.00 yd Scale In # : 1 Scale Out #: Stored

Gross Wt : 38.43 Tare Wt: 14.01 Net Wt: 24.42 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	24.42 TN	30.00000	732.60
Sub Total..... \$					732.60
Total..... \$					732.60

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

REORDER ONLY THROUGH BFI/UARCO CONTRACT

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARN (U.S. NAVY) b. Generating Location: NOLF BARN U.S. NAVY

c. Address: 7151 U.S.S. WASH ST. NAS WHITING FIELD d. Address: 11490 BARN FIELD ROAD
MILTON, FL 32570 FOLEY, AL 36535

e. Phone No.: 1-904-623-7181 f. Phone No.: 334-943-7220

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: NAVY AGENT Jim Holland h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE: AL 1205 971010 248851

j. Description of Waste: PETRO CONTAMINATED k. Quantity: 17 Units: y³ No.: 01 TYPE: T

W SOIL JPS

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B Holland Generator Authorized Agent Name Signature James B Holland Shipment Date 10/17/96

CONTAINERS		TYPE	
DM	- METAL DRUM	B	- BAG
DP	- PLASTIC DRUM	BA	- 6 MIL. PLASTIC BAG or WRAP
T	- TRUCK	O	- OTHER

UNITS	
P	- POUNDS
Y	- YARDS
M ³	- CUBIC METERS
Y ³	- CUBIC YARDS
O	- OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HADLER

b. Address: P.O. BOX 152
CAERA, AL 35040

c. Driver Name/Title: _____

d. Phone No.: 205-668-2271 e. Truck No.: _____

f. Vehicle License No./State: _____

Acknowledgement of Receipt of Materials.

g. Driver Signature _____ Shipment Date _____

TRANSPORTER II

h. Name: _____

i. Address: _____

j. Driver Name/Title: _____

k. Phone No.: _____ l. Truck No.: _____

m. Vehicle License No./State: _____

Acknowledgement of Receipt of Materials.

n. Driver Signature _____ Shipment Date _____

Section III

DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: TIMBERLANDS c. Phone No.: 1-334-867-8921

b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
BREWTON, AL 36426

e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent _____ Signature _____ Receipt Date _____

Section IV

ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name: _____ b. Operator's* Phone No.: _____

c. Operator's* Address: _____

d. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: _____

Name and Address _____ Operator's Signature _____ Date _____

of Responsible Agency: _____



No: 1358381

12/20

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 644-1000

Date : 10-17-96 Time In: 15:41:10 Time Out: 15:41:10
Ticket # : A56183 CMS # : 0003806 LMS # : 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : S-30 Lic Plate:
STATE OF ALABAMA BALDWIN COUNTY
Manifest # : 070707 PO # : Transporter: OUT
Generator : US US NAVY Operator: SANDRA GRAY
Comment : Scale Out #: Stored
Capacity : 25.00 yd Scale In # : 1 Net Wt: 20.13 tn
Gross Wt : 32.77 Tare Wt: 12.64

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248051	SOIL, JET F	17.00	20.13 TN	30.00000	603.90
Sub Total..... \$					603.90
Total..... \$					603.90

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE

260

REORDER ONLY THROUGH BFI/UARCO CONTRACT

GENERATOR (Generator completes all of Section I)

g. Owner's Name: NATY AGENT Jim Howard h. Owner's Phone No.: 1-904-623-7181

A	L	1	2	0	5	9	7	1	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---

2	4	8	8	5	1
---	---	---	---	---	---

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG
or WRAP
T - TRUCK
O - OTHER

k.	Quantity	Units	No.	TYPE
	17	y ³	01	T

v/ Soil JPS

UNITS

P	- POUNDS
Y	- YARDS
M ³	- CUBIC METERS
Y ³	- CUBIC YARDS
O	- OTHER

Signature

1	0	1	7	9	6
---	---	---	---	---	---

Shipment Date

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Transporter I complete e-g
Transporter II complete h-n

j. Driver Name/Title: _____ PRINT/TYPE
k. Phone No.: _____ I. True

m. Vehicle License No./State: _____

Acknowledgement of Receipt of Materials.

--	--	--	--	--	--

Shipment Date

n. Driver Signature

DESTINATION (Generator completes a-d, destination site completes e-f.)

c. Phone No.: 1-334-867-8921
d. Mailing Address SAME AS

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

--	--	--	--	--	--

Receipt Date

ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

b. Operator's* Phone No.:

Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Print Type

Operator's Signature _____

• Geographic Location

Date _____



No: 1358347

K/28

Date : 10-17-96 Time In: 11:00:09 Time Out: 11:22:38
Ticket # : 056147 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : D-5 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070708 PD #: Transporter: OUT

Generator : US US NAVY

Comment :

Operator: BONNIE SMITH

Capacity : 25.00 yd Scale In # : 1 Scale Out #: 1

Gross Wt : 37.67 Tare Wt: 13.92 Net Wt: 23.75 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	23.75 TN	30.00000	712.50
Sub Total..... \$					712.50
Total..... \$					712.50

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized
hazardous waste.

SIGNATURE: 

260-11

REORDER ONLY THROUGH BFI/UARCO CONTRACT

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BAKIN (U.S. NAVY) b. Generating Location: NOLF BAKIN U.S. NAVY
c. Address: 7151 U.S.S. WASP ST. NAS WHITING FIELD d. Address: 11990 BAKIN FIELD ROAD
MILTEO, FL 32570 FOLEY, AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 334-943-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: NAVY AGENT JIM HOLLAND h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE

AL 1205 971010

248851

Containers

TYPE

DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG
or WRAP
T - TRUCK
O - OTHER

j. Description of Waste:

PETRO CONTAMINATED

k. Quantity

Units

No.

TYPE

17

Y³

01

T

UNITS

P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B Holland

Generator Authorized Agent Name

Signature

101796

Shipment Date

Section II

TRANSPORTER

(Generator completes a-d;

Transporter I complete e-g
Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HAULER
b. Address: P.O. Box 152
CAMERA, AL 35040
c. Driver Name/Title: _____
d. Phone No.: 205-668-2276 e. Truck No.: _____
f. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.

g. _____
Driver Signature

Shipment Date

n. _____
Driver Signature

Shipment Date

Section III

DESTINATION

(Generator completes a-d, destination site completes e-f.)

a. Site Name: TIMBERLANDS c. Phone No.: 1-334-867-8921
b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
BREXTON, AL 36426

e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS

(Generator complete a-d, f, g, Operator* completes e.)

Operator's* Name: _____ b. Operator's* Phone No.: _____
Operator's* Address: _____
Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Operator's* Name & Title: _____

Print/Type

Name and Address

Responsible Agency: _____

Operator's Signature

Date



No: 1358343

16/28

Date : 10-17-96 Time In: 10:50:22 Time Out: 11:09:01
Ticket # : A56141 CMS # : 0003806 LMS # : 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : B-27 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070709 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: BONNIE SMITH

Capacity : 25.00 yd Scale In # : 1 Scale Out # : 1

Gross Wt : 35.16 Tare Wt: 13.91 Net Wt: 21.25 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	21.25 TN	30.00000	637.50
Sub Total..... \$					637.50
Total..... \$					637.50

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

REORDER ONLY THROUGH BFI/UARCO CONTRACT

260

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARRIN (U.S. NAVY) b. Generating Location: NOLF BARRIN U.S. NAVY
 c. Address: 7151 U.S.S. WASP ST. NAS WASHINGTON FIELD d. Address: 11900 BARRIN FIELD ROAD
MILFORD, FL 32570 FULEY AL 36535
 e. Phone No.: 1-904-623-7181 f. Phone No.: 334-943-7220
 If owner of the generating facility differs from the generator, provide:
 g. Owner's Name: NAVY AGENT JIM HOLLAND h. Owner's Phone No.: 1-904-623-7181
 i. BFI WASTE CODE:

AL	1205	971010
----	------	--------

248851

 Containers:

DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

 j. Description of Waste: PETRO CONTAMINATED k. Quantity:

 Units:

 No.:

 TYPE:

 GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.
James B Holland Generator Authorized Agent Name James B Holland Signature

101796

 Shipment Date

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HAWLER
 b. Address: P.O. Box 152
CALEERA, AL 35040
 c. Driver Name/Title: _____
 d. Phone No.: 205 668 2271 e. Truck No.: _____
 f. Vehicle License No./State: _____
 Acknowledgement of Receipt of Materials.
 g. Driver Signature: _____ Shipment Date:

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TRANSPORTER II

h. Name: _____
 i. Address: _____
 j. Driver Name/Title: _____
 k. Phone No.: _____ l. Truck No.: _____
 m. Vehicle License No./State: _____
 Acknowledgement of Receipt of Materials.
 n. Driver Signature: _____ Shipment Date:

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Section III

DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: TIMBERLANDS c. Phone No.: 1-334-867-8921
 b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
BRENTON, AL 36426
 e. Discrepancy Indication Space: _____
 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent: _____ Signature: _____ Receipt Date:

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Section IV

ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name: _____ b. Operator's* Phone No.: _____
 c. Operator's* Address: _____
 d. Special Handling Instructions and additional information: _____
 OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.
 e. Operator's* Name & Title: _____ Print/Type: _____ Operator's Signature: _____ Date:

--	--	--	--	--	--

 Name and Address of Responsible Agency: _____



18/28
No: 1358344

Date : 10-17-96 Time In: 10:52:49 Time Out: 11:10:25
Ticket # : A56142 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : C-10 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 248-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070710 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: BONNIE SMITH

Capacity : 25.00 yd Scale In # : 1 Scale Out #: 1

Gross Wt : 35.77 Tare Wt: 14.01 Net Wt: 21.76 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	21.76 TN	30.00000	652.80
	Sub Total.....	\$			652.80
	Total.....	\$			652.80

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

 REORDER ONLY THROUGH BFI/UARCO CONTRACT

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: WOLF BARN (U.S. NAVY) b. Generating Location: WOLF BARN U.S. NAVY
c. Address: 7151 U.S.S. WAS ST. NAS & WITING FIELD d. Address: 11490 BARN FIELD RD.
MILTEN FL, 32570 FOLEY AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 334-943-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: NAVY AGENT Jim Holland h. Owner's Phone No.: 1-904-623-7181
i. BFI WASTE CODE:

AL	12	05	97	10	10
----	----	----	----	----	----

2	4	8	8	5	1
---	---	---	---	---	---

 Containers:

DM	-	METAL DRUM
DP	-	PLASTIC DRUM
B	-	BAG
BA	-	6 MIL. PLASTIC BAG or WRAP
T	-	TRUCK
O	-	OTHER

j. Description of Waste: PEYRO CONTAMINATED k. Quantity:

			1	7	

 Units:

Y	3	
---	---	--

 No.:

0	1	
---	---	--

 TYPE:

T		
---	--	--

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.
James B Holland Generator Authorized Agent Name James B Holland Signature

1	0	1	7	9	6
---	---	---	---	---	---

 Shipment Date

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HAWKERS
b. Address: P.O. Box 152
CALENA, AL 35040
c. Driver Name/Title: _____
d. Phone No.: 205-668-2271 e. Truck No.: _____
f. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.
g. Driver Signature: _____ Shipment Date:

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TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.
n. Driver Signature: _____ Shipment Date:

--	--	--	--	--	--

Section III

DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: TIMBERLANDS c. Phone No.: 1-334-867-8921
b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
BREWTON, AL 36426
e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name: _____ b. Operator's* Phone No.: _____
c. Operator's* Address: _____
d. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Operator's* Name & Title: _____

Print Type

Name and Address

Operator's Signature

Date

20/28
No: 1358339

Date : 10-17-96 Time In: 10:42:36 Time Out: 10:58:33
Ticket # : A56138 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : S-40 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070711 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: BONNIE SMITH

Capacity : 25.00 yd Scale In # : 1 Scale Out #: 1

Gross Wt : 32.56 Tare Wt: 12.86 Net Wt: 19.70 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	19.70 TN	30.00000	591.00
Sub Total..... \$					591.00
Total..... \$					591.00

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

260-115

REORDER ONLY THROUGH BFI/JARCO CONTRACT

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARN (U.S. NAVY) b. Generating Location: NOLF BARN U.S. NAVY
c. Address: 7151 U.S.S. WAPA ST. NAS WHITING FIELD d. Address: 11490 BARN FIELD ROAD
MILTON, FL 32570 FOUR AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 334-943-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: NAVY AGENT Jim Holland h. Owner's Phone No.: 1-904-623-7181
i. BFI WASTE CODE: AL 1205 971010 248851 Containers: DM - METAL DRUM
j. Description of Waste: PEIRO CONTAMINATED k. Quantity: 17 Units: Y No.: 01 TYPE: T
W SOIL / IPS DM - METAL DRUM
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.
James B Holland Generator Authorized Agent Name Signature 1101796 Shipment Date
TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER
UNITS
P - POUNDS
Y - YARDS
M - CUBIC METERS
Y - CUBIC YARDS
O - OTHER

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: SOUTHERN HAULERS
b. Address: P.O. Box 152
CALEBA, AL 35040
c. Driver Name/Title: _____
d. Phone No.: 205-668-2271 e. Truck No.: _____
f. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.
g. Driver Signature _____ Shipment Date _____

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.
n. Driver Signature _____ Shipment Date _____

Section III

DESTINATION (Generator completes a-d; destination site completes e-f.)

a. Site Name: TIMBERLANDS c. Phone No.: 1-334-867-8921
b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
BREXTON, AL 36426
e. Discrepancy Indication Space: _____
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g; Operator* completes e.)

a. Operator's* Name: _____ b. Operator's* Phone No.: _____
c. Operator's* Address: _____
d. Special Handling Instructions and additional information: _____
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.
Operator's* Name & Title: _____
Name and Address: _____
Responsible Agency: _____
Operator's Signature _____ Date _____



No: 1358338
22/28

Date : 10-17-96 Time In: 10:36:36 Time Out: 10:56:31
Ticket # : A56137 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : S-30 Lic Plate:

BROWNING-FERRIS INDUSTRIES
Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY
Manifest # : 070712 PO #: Transporter: OUT
Generator : US US NAVY
Comment : Operator: BONNIE SMITH
Capacity : 25.00 yd Scale In # : 1 Scale Out #: 1
Gross Wt : 34.57 Tare Wt: 12.64 Net Wt: 21.93 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	21.93 TN	30.00000	657.90
Sub Total..... \$					657.90
Total..... \$					657.90

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE

REORDER ONLY THROUGH BFI/UARCO CONTRACT



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 070

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NORFOLK U.S. NAVY b. Generating Location: NORFOLK U.S. NAVY
c. Address: 7151 USS WASP NAS Whiting Field d. Address: 11490 Baem Field Rd
Milton, FL 32570 Fort, AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 1-354-943-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: Navy Agent Jim Holland Owner's Phone No.: 1-904-623-7181

BFI WASTE CODE

AL1205971010

240851

Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG
or WRAP
T - TRUCK
O - OTHER

i. Description of Waste: Petroleum Contaminated Soil

k. Quantity 17 Units 4 No. 01 TYPE T

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

UNITS
P - POUNDS
Y - YARDS
M - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

James B Holland
Generator Authorized Agent Name

James B Holland
Signature

101896
Shipment Date

Section II

TRANSPORTER (Generator completes a-c; Transporter I completes e-g; Transporter II completes h-i)

TRANSPORTER I

TRANSPORTER II

t. Name: Southern Haulers
u. Address: PO Box 152
Calera, AL 36426
v. Driver Name/Title: Tom Baudt
w. Phone No.: 1-205-668-7271 e. Truck No.: B-27
x. Vehicle License No./State: AL 1X9 0089
Acknowledgement of Receipt of Materials:
Tom Baudt
Driver Signature 101796
Shipment Date

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials:

Driver Signature _____
Shipment Date _____

Section III

DESTINATION (Generator completes a-d, destination site completes e-f)

a. Site Name: Timberlands c. Phone No.: 1-334-867-8921
b. Physical Address: 22800 Hwy 41 d. Mailing Address: SAME AS
Breaston, AL 36426

c. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Bonnie Smith
Name of Authorized Agent

Bonnie Smith
Signature

101896
Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's Name: _____ b. Operator's Phone No.: _____
c. Operator's Address: _____
d. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Operator's Name & Title: _____

Print/Type

Operator's Signature

Name and Address

Date



No: 1358426

24/28

Date : 10-18-96 Time In: 09:11:29 Time Out: 09:11:29
Ticket # : A56223 CMS # : 0003806 LMS #: 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : B-27 Lic Plates:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070719 PO #: Transporter: OUT

Generator : US US NAVY

Comment : Operator: BONNIE SMITH

Capacity : 25.00 yd Scale In # : Manual Scale Out #: Stored

Gross Wt : 35.57 Tare Wt: 13.91 Net Wt: 21.66 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	21.66 TN	30.00000	649.80
Sub Total..... \$					649.80
Total..... \$					649.80

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE

REORDER ONLY THROUGH BFI/UARCO CONTRACT

260



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 070720

25/28

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: NOLF BARRIN U.S. NAVY b. Generating Location: NOLF BARRIN U.S. NAVY
c. Address: 7151 USS WAMP NAS Whiting Field Address: 11490 BARRIN FIELD RD
MILTON, FL 32570 Foley, AL 36535
e. Phone No.: 1-904-623-7181 f. Phone No.: 1-334-443-7220
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: NAVY Agent in Holland h. Owner's Phone No.: 1-904-623-7181

i. BFI WASTE CODE

AL1205971010

248851

Containers

TYPE

DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG
or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: PETROLEUM CONTAMINATED

SOIL / JP

k. Quantity

Units

No.

TYPE

17

YD

01

T

UNITS

P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

101896

Shipment Date

Section II

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Southern Haulers
b. Address: PO Box - 132
CALWA, AL 35042
c. Driver Name/Title: AJ Schifarella
PRINT/TYPE
d. Phone No.: 1-205-668-7271 e. Truck No.: D-5
f. Vehicle License No./State: 58X9 123

Acknowledgement of Receipt of Materials.

g. Driver Signature

121896

Shipment Date

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
PRINT/TYPE
k. Phone No.: _____ l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.

n. Driver Signature

121896

Shipment Date

Section III

DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Timberlands c. Phone No.: 1-334-867-892
b. Physical Address: 22800 Hwy 41 d. Mailing Address: Same AS
Brewton, AL 36626
e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Sandra Gray Sandra Gray

Name of Authorized Agent

Signature

101896

Receipt Date

Section IV

ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name: _____ b. Operator's* Phone No.: _____
c. Operator's* Address: _____
d. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.



No: 135841
26/28

Date : 10-18-96 Time In: 08:45:00 Time Out: 08:45:00
Ticket # : A56214 CMS # : 0003806 LMS # : 0003806
Customer : KEMRON ENVIRONMENTAL
Vehicle # : D-5 Lic Plate:

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

STATE OF ALABAMA BALDWIN COUNTY

Manifest # : 070720 PO # : Transporter: OUT

Generator : US US NAVY

Comment : Operator: BONNIE SMITH

Capacity : 25.00 yd Scale In # : 1 Scale Out # : Stored

Gross Wt : 34.26 Tare Wt: 13.92 Net Wt: 20.34 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	17.00	20.34 TN	30.00000	610.20
	Sub Total..... \$				610.20
	Total..... \$				610.20

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE:

AJ. Schifella

REORDER ONLY THROUGH BFI/UARCO CONTRACT



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Section IV only.
If waste is NOT asbestos waste, complete Sections I-III only.

No. 070721

Section I

GENERATOR

a. Generator Name: NOLE BAEIN U.S. NAVY
c. Address: 715 LOSS WAMP WHARF, FORT WASHINGTON, FL 32570

e. Phone No.: 1-904-623-7181
If owner of the generating facility differs from the generator, provide:

g. Owner's Name: NAVY Agent, Jim Holland

i. BFI WASTE CODE

AL 205 971010

j. Description of Waste: PETROLEUM CONTAMINATED SOIL / JPS

b. Generating Location: NOLE BAEIN U.S. NAVY
d. Address: 1690 BAEIN FIELD PI, FORT WASHINGTON, FL 32535

f. Phone No.: 1-334-943-7210

h. Owner's Phone No.: 1-904-623-7181

278851

Containers

TYPE

DM - METAL DRUM
DP - PLASTIC DRUM
R - BAG
BA - 6 MIL PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

k. Quantity: 0121 Units: 13 No.: 01 TYPE: T

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James B. Holland
Generator Authorized Agent Name

James B. Holland
Signature

112596
Shipment Date

UNITS

P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

Section II

TRANSPORTER

(Generator completes Section I, Transporter completes Section II)

TRANSPORTER I

a. Name: SEALINE HANDLING GENIE'S DRIVE SH
b. Address: PO BOX 152, 14800 BISHOP TRAIL, PRALIA AL 35042
c. Driver Name/Title: LILLIAN AL 36549
d. Phone No.: 1-800-257-2574
e. Truck No.: F-4
f. Vehicle License No./State: X9 95828
Acknowledgement of Receipt of Materials.

g. Wm. With
Driver Signature

113596
Shipment Date

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____
l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgement of Receipt of Materials.

n. _____
Driver Signature

Shipment Date

Section III

DESTINATION

(Generator completes Section I, Destination completes Section III)

a. Site Name: Timberlands
b. Physical Address: 22800 Hwy 41, Brewton, AL 36606

c. Phone No.: 1-334-967-8501
d. Mailing Address: same

e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. _____
Name of Authorized Agent

Signature

Receipt Date

Section IV

ASBESTOS

(Generator completes Section I, Operator completes Section IV)

a. Operator's Name: _____
b. Operator's Phone No.: _____
c. Operator's Address: _____
d. Special Handling Instructions and additional information: _____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's Name & Title: _____



No: 1320487

BROWNING-FERRIS INDUSTRIES

Timberlands Sanitary Landfill
(205) 648-1000

Date : 11-25-96 Time In: 11:27:10 Time Out: 11:43:05
Ticket # : A50487 CMS # : 0003806 LMS # : 0003806
Customer : KENRON ENVIRONMENTAL
Vehicle # : F4 Lic Plate:
STATE OF ALABAMA BALDWIN COUNTY
Manifest # : 070721 PU # : Transporters: OUT
Generator : US US NAVY
Comment : Operator: BONNIE SMITH
Capacity : 20.00 yd Scale In # : 1 Scale Out # : 1
Gross Wt : 24.16 Tare Wt: 13.68 Net Wt: 10.48 tn

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
248851	SOIL, JET F	12.00	10.48 TN	30.00000	314.40
Sub Total..... \$					314.40
Total..... \$					314.40

Thanks, & Have A Great Day !

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: *Harmon B. Smith*

REORDER ONLY THROUGH BFI/ARCO CONTRACT

280-116LF (4)

24B soil
reexcavation
~~24B~~10,500 gal
liquids

28/28